FLIPPED TEACHING COURSE – LEARNING OUTCOMES

Outlined below are the learning outcomes, lesson by lesson that you can expect to achieve when you take this course.

One of the most exciting developments in education in recent years is the growth in popularity of "Flipped" teaching techniques. Teachers are using technology to deliver lessons in a whole new way – and a whole new location! A large portion of the teacher's "traditional" lecture-style lesson is being recorded, and students are viewing these recorded lessons at home. This has made more class time available for teachers to engage students in class discussions, cooperative learning activities, and project-based learning.

This online course shows teachers every method they will need to implement the Flipped Teaching model in their classroom. The techniques Flipped Teachers use to make videos, screencasts, websites, and blogs will be revealed, as well as ways to utilize all of the extra instructional time the Flipped method makes available.

WHAT YOU CAN EXPECT TO LEARN AND MASTER BY DOING THIS COURSE ARE:

LESSON ONE – What is Flip Teaching?
- Teachers will learn what the definition of "Flipping" is, and a brief history of the Flip Teaching movement.
- Teachers will also learn what "Flipping" is NOT.
- Reasons will be given as to why Flip Teaching works.
- The secret software Sal Khan of "Khan Academy" uses to produce his videos will be revealed.

LESSON TWO – Examples of Flip Teaching
- Teachers will be shown examples of how teachers have flipped their classroom to increase the amount of student engagement in their lessons.
- Teachers explain how they went from a classroom where 90% of their time was spent delivering lessons and only 10% of class time was spent actually applying what was learned – to 10% delivery and 90% application.
- Teachers also answer the #1 questions skeptics ask: "What happens if students don't watch the videos?

LESSON THREE – Flip Video From Aaron Sams

- **Teachers will view a "Greatest Hits" video of successful Chemistry lessons from two enthusiastic early adopters of Flipping, Jonathan Bergmann and Aaron Sams. While these two innovative teachers claim they did not "invent"**
- **Flipping, they are two of the most influential teachers who have adopted the method.**

LESSON FOUR – To Flip or Not to Flip

- Not every teacher should try to flip their classroom!
- There is no "Silver Bullet" for education, and Flipping is not being promoted as such – it is simply ONE method teachers can use out of many!
- The pros and cons of Flipping are discussed by teachers, professors, and instructional specialists.
- Teachers are presented with a list of questions they should answer when trying to determine if their content is suitable for Flipping.

LESSON FIVE – The Five Best Practices of Flip Teaching

- Teachers will learn the best types of material to transfer to students through the Flipped Teaching Model.
- Once teachers have (in the words of Sal Khan) been "liberated to communicate with their students" – what should teachers do next?

LESSON SIX – Why Flipped Classrooms Are Here to Stay

- Bergmann and Sams share data from their first years of Flipping that show significant gains in student performance.
- Teachers will learn about the variety of techniques they can use – there is no ONE way to Flip.
- Teachers will learn why teachers have embraced the technique, and why it works.

LESSON SEVEN – Answers to Flip Teaching Questions

- Teachers will hear the answers to questions that skeptics ask when trying to discount the effectiveness of Flipped classrooms.
- An administrator shares his experiences with Flipping, and how it changed the culture of his school.

LESSON EIGHT – Flipped Class Manifest
- Teachers explain the benefits of Flipping, and built an outline for others to follow when trying this method of lesson delivery.
- Teachers will learn how the Flip Classroom fits into instruction.

LESSON NINE – Making Screencasts With aTube Catcher
- Teachers will be shown how to download a free piece of software called aTube Catcher.
- Teachers will learn how to utilize the many features of the software, such as screencasting, podcasting, recording DVD's, and downloading videos from video-sharing websites such as YouTube for classroom use.

LESSON TEN – Educreations Screencasting Tool
- Teachers will learn about the many features of a lesson-creation software for iPads called Educreations.
- The answers to frequently asked questions about the software will be revealed, as well as an explanation of how this technology can be best utilized in the classroom.

LESSON ELEVEN **– Making Screencasts With Cam Studio**
- *Teachers will be shown how to download a free piece of screencasting software called Cam Studio.*
- *Teachers will learn how to utilize this software to create screencasts suitable for upload to a video-sharing website.*

 LESSON TWELVE – Flip Teaching Matrix
- Teachers will be shown how to implement Flip teaching strategies step-by-step.

LESSON THIRTEEN – Downloading Videos to Your Computer
- Teachers will learn how to download onto their computer the videos they have made with a video camera or smartphone.
- The downloaded videos can then be edited by using video-editing software, or uploaded to a video-sharing website such as YouTube or Vimeo.

LESSON FOURTEEN – Uploading Videos to Vimeo

- **Teachers will learn how to upload videos from their laptop, tablet, or desktop computer to a video-sharing website such as YouTube or Vimeo.**

LESSON FIFTEEN – Embedding Videos on Your Blog

- Teachers will learn how to capture the "Embed Code" from videos on video-sharing websites, and use the code to embed videos on a website or blog.

LESSON SIXTEEN – Using DropBox to Flip Your Class

- Teachers will learn how to make an online DropBox account to store videos, pictures, text files, and podcasts.
- Teachers will learn how to utilize their DropBox account instead of building a website or blog.

LESSON SEVENTEEN – How Flipping Can Fail

- There are many people in the education community who do not fully understand what Flipping is. As a result, they make uninformed judgments and statements about the practice of Flipping.
- Teachers will learn how to educate their colleagues about the benefits of Flipping.

LESSON EIGHTEEN – How to Make a QR Code

- Teachers will learn the history of the Quick Response code, and how the idea has been adapted to education.
- Teachers will learn how to make a QR Code, and link it to important information such as videos, text documents, educational websites, and email addresses.

LESSON NINETEEN – Making Podcasts

- Teachers will learn how to download free software to make podcasts.
- Teachers will learn to upload their podcasts to free podcast-hosting websites, and direct students to the appropriate podcasts in order to enrich their lessons.

LESSON TWENTY – Building Teacher Websites

- Teachers will be shown a wide variety of free website builders.
- Teachers will be able to display a large amount of information on their websites, such as a calendar, embedded videos and podcasts, text documents, links to educational websites, question/answer pages, and lecture notes.

LESSON TWENTY-ONE – Using the Flip Camera

- Teachers will be shown how to obtain a Flip camera, even though the device is not being produced anymore.
- Teachers will be able to make and upload Flip videos to their computer. This knowledge can be used for the operation of other types of video cameras, including smartphones.

LESSON TWENTY-TWO – Setting Up a Blog

- Teachers will be shown how to set up a free account on a blogging site such as Blogger.
- Teachers will be able to write blog posts, answer questions from parents and students, and embed widgets, pictures, links, and videos on their blog.

LESSON TWENTY-THREE – Using aTube Catcher

- There are many features included in the free screencasting program called aTube Catcher. Teachers will learn about all of them.
- Teachers will learn how to use aTube Catcher to download videos from video-sharing websites, make DVD's and CD's, and convert video files to different formats.

LESSON TWENTY-FOUR – Assessing Student Projects Made With Technology

- Teachers will learn how to build rubrics to assess student projects made with technology.
- Teachers will learn how to find rubrics online in the event that they do not want to build their own rubrics.

LESSON TWENTY-FIVE – Using Free Internet Resources as You Flip

- Teachers will learn to find and utilize free Internet resources in their lessons.

- Teachers will learn how to encourage students to find and utilize free Internet resources to help them learn.

LESSON TWENTY-SIX – Using Online Communities to Flip Your Classroom
- Teachers will learn how to encourage student interaction and collaboration by using safe online communities.
- Teachers will learn how to determine whether or not a particular online community is "safe".